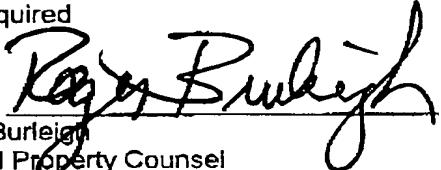
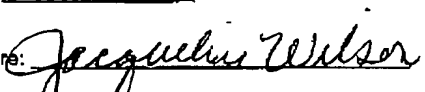


Rec'd PCT/PTO 18 MAR 2005

EUS/J/P/05-1078

<b>Response To Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)</b>			Docket No. P16245-US1	
In Re Application Of: Bengt Jonsson, et al.				
US Application No. 10/509,828	I.A. Filing Date February 24, 2003	Examiner Not Yet Assigned	Group Art Unit Not Yet Assigned	
Invention: Comparator Offset Calibration for A/D Converters				
<b>Mail Stop PCT</b> <b>Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450</b> <b>Facsimile No. (703) 305-3230</b>				
<p>This is a response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed on <u>February 23, 2005</u>.</p> <p>Enclosed herewith for filing are the following:</p> <p><input checked="" type="checkbox"/> A copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US). (2 page(s))</p> <p><input checked="" type="checkbox"/> A properly signed oath or declaration in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date. (4 page(s))</p> <p><input type="checkbox"/> A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.</p> <p><input checked="" type="checkbox"/> Other: <u>Statement of No Additional Fees Due (2 pages), Copy of Preliminary Amendment filed on September 30, 2004 (6 pages), Copy of Transmittal Letter concerning a filing under 35 U.S.C. 371 (2 pages), Copy of Post Card stamped by the USPTO stating the Preliminary Amendment and Transmittal Letter was received (1 page)</u></p>				
<p><input type="checkbox"/> This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.</p> <p> <input type="checkbox"/> One month (\$120)               <input type="checkbox"/> Two months (\$450)               <input type="checkbox"/> Three months (\$1020)               <input type="checkbox"/> Four months (\$1590)               <input type="checkbox"/> Five months (\$2160)         </p> <p>from: _____ until: _____</p>				
<p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge <u>\$130.00</u>, the surcharge for late payment of filing fee and/or late filing of original declaration or oath or any other fees which may be required, or credit any overpayment, to <u>Deposit Account No. 50-1379</u>. If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required</p>				
<p>Signature: </p> <p>Roger S. Burleigh Intellectual Property Counsel Ericsson Inc. 6300 Legacy Drive, MS/EVR1C11 Plano, Texas 75024</p> <p>Date: <u>March 18, 2005</u></p>		<p style="text-align: center;"><b>CERTIFICATE OF MAILING OR TRANSMISSION</b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First class or Express mail in an envelope addressed to Commissioner for Patents, or being facsimile transmitted to the USPTO on the date indicated below.</p> <p>Date: <u>March 18, 2005</u> Name: <u>Jacqueline Wilson</u></p> <p>Signature: </p>		

RSD



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/509,828	Bengt Jonsson	P16245-US1

Roger S Burleigh  
 Ericsson Inc  
 6300 Legacy Drive  
 M/S EVW 2-C-2  
 Plano, TX 75024

Docketed: <u>MP</u>
Due: <u>4-23-05</u>
Initials: <u>SW</u>

INTERNATIONAL APPLICATION NO.	
PCT/SE03/00297	
IA. FILING DATE	PRIORITY DATE
02/24/2003	04/02/2002

CONFIRMATION NO. 2251  
 371 FORMALITIES LETTER



Date Mailed: 02/23/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/30/2004
- Copy of the International Search Report filed on 09/30/2004
- Copy of IPE Report filed on 09/30/2004
- Information Disclosure Statements filed on 09/30/2004
- Oath or Declaration filed on 09/30/2004
- Request for Immediate Examination filed on 09/30/2004
- U.S. Basic National Fees filed on 09/30/2004
- Priority Documents filed on 09/30/2004

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 MAR - 1 2005  
 EUS LEGAL DEPT.

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$2310 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$2310 for a Large Entity:

- Total additional claim fee(s) for this application is \$ 2310

- \$1950 for 44 total claims over 20.
- \$360 for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/509,828	PCT/SE03/00297	P16245-US1

FORM PCT/DO/EO/905 (371 Formalities Notice)

Attorney Docket No. P16245-US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant[s]:	Bengt Jonsson, <i>et al.</i>	§	Group Art Unit:	Not Yet Known
Serial No:	10/509,828	§	Examiner:	Not Yet Known
Filed:	September 30, 2004	§		
		§		
		§		

For: Comparator Offset Calibration for A/D Converters

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: \_\_\_\_\_

\_\_\_\_\_  
Jacqueline Wilson**STATEMENT OF NO ADDITIONAL FEES DUE**

In response to the Notification of Missing Requirements dated February 23, 2005, in which it states that the Applicants need to submit supplemental fees of \$2301 for 44 claims in excess of 20 (including multiple dependent claims), the Applicants submit the following remarks:

On October 9, 2003, International Application PCT/SE03/00297 was filed with a total of 25 claims, of which 10 were multiple dependent claims.

On September 30, 2004, U.S. Application 10/509,828 was filed with a Preliminary Amendment. The Preliminary Amendment cancelled original claims 1-25 and added new claims 26-50.

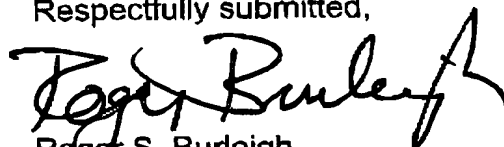
Based on the Preliminary Amendment filed with the application, there are only 5 extra claims and no multiple dependent claims. Therefore, the Applicant respectfully submits that the correct amount of fees was submitted at the time of the U.S. National filing and no supplemental fees are due.

Attorney Docket No. P16245-US1

**CONCLUSION**

The Applicants request a telephonic interview if there are any questions or any additional information is required that would further or expedite the prosecution of the Application.

Respectfully submitted,



Roger S. Burleigh  
Registration No. 40,542

Date: March 18, 2005

Ericsson Inc.  
6300 Legacy Drive, M/S EVR 1-C-11  
Plano, Texas 75024  
(972) 583-8656  
roger.burleigh@ericsson.com

FORM PTO-1390 (REV. 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>P16245-US1</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. <b>PCT/SE03/00297</b>		INTERNATIONAL FILING DATE <b>24/February/2003</b>		PRIORITY DATE CLAIMED <b>2/April/2002</b>	
TITLE OF INVENTION <b>Comparator Offset Calibration for A/D Converters</b>					
APPLICANT(S) FOR DO/EO/US <b>Bengt Jonsson, et al.</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. (<b>courtesy copy enclosed</b>)</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (<b>Declaration and Power of Attorney - unexecuted</b>)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
Items 11 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>					

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/SE03/00297		ATTORNEY'S DOCKET NUMBER P16245-US1	
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<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... <b>\$1,080.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b></p> <p><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p> <p>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:15%;">RATE</th> <th style="width:15%;">\$</th> <th style="width:15%;"></th> </tr> <tr> <td>Total claims</td> <td>25 - 20 =</td> <td>5</td> <td>x \$18.00</td> <td>\$</td> <td>90.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$86.00</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$290.00</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$</td> <td>1,170.00</td> </tr> </table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +</p> <p><b>SUBTOTAL =</b> \$ 1,170.00</p> <p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> <p><b>TOTAL NATIONAL FEE =</b> \$ 1,170.00</p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +</p> <p><b>TOTAL FEES ENCLOSED =</b> \$ 1,170.00</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width:60%;"></td> <td style="width:20%;">Amount to be refunded:</td> <td style="width:20%;">\$</td> </tr> <tr> <td>charged:</td> <td>\$</td> </tr> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		Total claims	25 - 20 =	5	x \$18.00	\$	90.00	Independent claims	3 - 3 =	0	x \$86.00	\$	0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$		<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,170.00		Amount to be refunded:	\$	charged:	\$	<p><b>CALCULATIONS PTO USE ONLY</b></p>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																																				
Total claims	25 - 20 =	5	x \$18.00	\$	90.00																																			
Independent claims	3 - 3 =	0	x \$86.00	\$	0.00																																			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$																																				
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,170.00																																			
	Amount to be refunded:	\$																																						
	charged:	\$																																						

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 50-1379 in the amount of \$ 1,170.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1379. A duplicate copy of this sheet is enclosed.

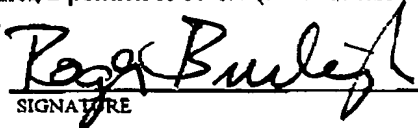
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Roger S. Burleigh  
Ericsson Inc.  
6300 Legacy Drive  
M/S EVW 2-C-2  
Plano, TX 75024

  
 SIGNATURE  
 Roger S. Burleigh  
 NAME  
 40,542  
 REGISTRATION NUMBER

**DT17 Rec'd PCT/PTQ 3 0 SEP 2004****In re Application of: Bengt Jonsson, et al.****FOR: COMPARATOR OFFSET CALIBRATION FOR A/D  
CONVERTERS****10/509828**

- (1) Application Transmittal Form (2 pages - in duplicate);
- (2) Application Data Sheet (2 pages);
- (3) Unexecuted Declaration and Power of Attorney (4 pages);
- (4) Courtesy copy of International Application (19 pages);
- (5) Courtesy copy of Article 19 amendments (29 pages);
- (6) Preliminary Amendment (6 pages); and
- (7) Information Disclosure Statement with Form PTO-1449 (2 pages).

**PAPERS SENT VIA  
EXPRESS MAIL EV539111831US**

**DATE: September 30, 2004  
Docket No.: P16245-US1**



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